



# Technical Journal

TITLE:

**TG81-SC, harsh shift P-R R-D N-D**

<b>REF NO:</b> TJ 32546.2.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2017-03-28	<b>STATUS DATE:</b> 2017-03-30
<b>FUNC GROUP:</b> 4370	<b>FUNC DESC:</b> Automatic, transmission (hydromechanical)	Page 1 of 2	

“Right first time in Time”

## Attachment

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
23X					C		2017-2018		-	201633-201721
23X					D		2017-2018		-	201633-201721
256					C		2017-2018		-	201633-201721
256					D		2017-2018		-	201633-201721

## CSC Customer Symptom Codes

Code	Description
MA	Automatic transmission/Shifts rough or jerky/Unsure when/at all times
NF	Automatic transmission/Shifts rough or jerky/When engaging gear at standstill
NS	Automatic transmission/Shifts rough or jerky/When upshifting

## VST Operation Number

## DTC Diagnostic Trouble Codes

Rows beginning with \* are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

## Text

**DESCRIPTION:**

\* One new csc added

TCM= Transmission Control Module

Due to an internal can bus data error in the TCM, harsh garage shifts may occur at P-R, R-D, N-D. New improved TCM SW is planned to be released 2017w22 in production and service.

Follow advice under “service”

**SERVICE:**

If you have a customer complaint at this time, perform a TCM reload. This will reset the values of the TCM and improve shift quality.

**VEHICLE REPORT:**

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report” and sub concern area “Support not needed”, use function group 4370.